

Patent Abstracts of Japan

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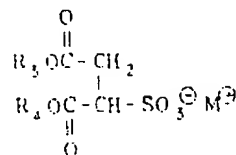
APPLICATION DATE : 13-12-85
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APPLICANT : TOKUYAMA SODA CO LTD;

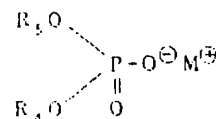
INVENTOR : MITANI KATSUO;

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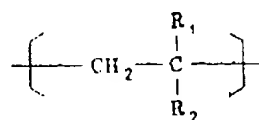
TITLE : POLYMER PARTICLE



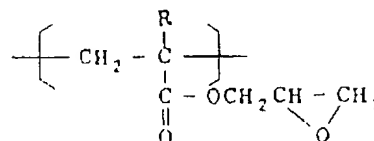
I



II



III



IV

ABSTRACT : PURPOSE: To obtain polymer particles having excellent storage stability and extremely stable in aqueous medium, by adsorbing an ionic organic compound having plural straight-chain hydrophobic groups and ionic groups to latex particles.

CONSTITUTION: An ionic organic compound having plural straight-chain hydrophobic groups (e.g. 4~30C straight-chain alkyl, straight-chain alkenyl, etc.) and ionic groups [e.g. the compound of formula I (R₃ and R₄ are 4~30C straight-chain alkyl, etc.; M is atom or atomic group capable of forming cation) is adsorbed to a latex particle to obtain the objective polymer particle. The latex particle preferably contains a hydrophobic vinyl monomer unit of formula III (R₁ is H or alkyl; R₂ is halogen, phenyl, alkoxy, etc.) and/or monomer unit of formula IV (R is H or alkyl).

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